

AC 110 Capacities on Main Boom 85%  
Telescopes pinned 360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 66140 lb  
Outrigger Base 27.0 x 24.6 ft

Radius (ft)	Main Boom (ft)							
	41.0	55.1	55.1	68.9	68.9	68.9	68.9	71.9
9.8	242.5*	-	-	-	-	-	-	-
9.8	237.0	-	-	-	-	-	-	-
11.5	219.6	197.3	63.1	177.0	129.4	60.6	48.5	46.1
13.1	204.6	185.6	63.1	166.9	121.7	60.6	48.5	46.1
14.8	191.1	174.6	61.5	157.0	114.9	60.6	48.1	46.1
16.4	179.5	165.1	60.2	148.2	108.7	60.6	47.6	46.1
19.7	159.0	148.2	54.7	132.5	98.5	57.5	43.7	41.9
23.0	139.8	134.7	50.0	119.0	89.7	53.4	39.5	38.1
26.2	119.9	119.9	46.1	108.0	82.2	49.8	36.2	35.3
29.5	103.8	104.5	42.5	99.4	75.8	45.9	33.3	32.2
32.8	-	92.6	40.1	91.1	70.5	43.7	30.6	30.0
39.4	-	71.7	35.5	70.1	61.5	39.0	26.7	26.0
45.9	-	-	-	54.0	54.9	35.3	23.6	22.7
52.5	-	-	-	43.2	46.1	31.5	21.2	20.3
UB:	-	80.0	63.1	75.2	80.0	60.6	48.5	46.1
HE:	14	12	4	11	8	4	3	3
LK:	01	02	19	03	04	20	21	22
T1 [%]	0	0	0	45	0	0	0	0
T2 [%]	0	45	0	45	45	0	0	0
T3 [%]	0	0	0	0	45	45	0	0
T4 [%]	0	0	45	0	0	45	90	100
DS:	000001							

UB = maximum capacity (lb x 1000) for unpinned operating mode

HE = no. of hoist lines

LK = length code for sequence of extended boom

DS = selecting operating mode

T = extending length telescope

\*over rear

AC 110 Capacities on Main Boom Telescopes pinned 85%  
360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 66140 lb  
Outrigger Base 27.0 x 24.6 ft

Radius (ft)	Main Boom (ft)			Counterweight					
	82.7	82.7	82.7	96.8	96.8	96.8	103.0	110.6	110.6
13.1	128.5	113.5	58.2	-	-	-	-	-	-
14.8	122.1	107.6	58.2	-	-	-	-	-	-
16.4	116.2	102.3	58.2	101.2	72.8	46.1	-	-	-
19.7	105.6	92.6	57.5	95.9	71.0	46.1	36.4	82.2	48.5
23.0	96.3	85.1	55.1	88.8	65.0	46.1	36.4	75.0	48.5
26.2	88.6	78.3	52.2	82.7	60.0	43.4	36.4	68.8	48.5
29.5	81.8	71.7	48.7	77.4	55.6	40.6	36.4	63.5	45.9
32.8	75.6	65.9	46.5	72.8	51.6	37.7	35.9	58.6	43.0
39.4	65.7	57.1	41.9	63.1	45.6	33.1	31.5	50.7	38.4
45.9	54.5	50.0	37.9	55.8	40.6	29.1	28.0	44.5	34.4
52.5	43.4	44.1	34.2	45.4	36.6	26.0	24.7	39.2	31.5
59.1	35.7	38.8	30.9	37.7	23.3	23.4	22.3	34.8	28.9
65.6	30.0	32.8	28.2	31.7	30.6	20.9	20.3	30.9	26.7
72.2	-	-	-	27.1	28.2	19.0	18.5	26.2	24.9
78.7	-	-	-	23.6	25.8	17.2	16.8	22.7	23.4
85.3	-	-	-	20.5	22.7	16.1	15.4	19.6	21.8
91.9	-	-	-	-	-	-	-	17.2	20.1
98.4	-	-	-	-	-	-	-	15.0	18.3

UB: 75.2 80.0 58.2 75.2 72.3 46.1 36.4 68.4 48.5

HE: 8 7 4 6 5 3 3 5 3

LK: 05 06 23 07 08 24 25 09 10

T1 [%]	45	0	0	45	0	0	0	90	0
T2 [%]	90	45	45	45	45	0	0	45	90
T3 [%]	0	90	45	90	90	90	100	90	45
T4 [%]	0	0	45	0	45	90	100	0	90

DS: 000001

- UB = maximum capacity (lb x 1000) for unpinned operating mode
- HE = no. of hoist lines
- LK = length code for sequence of extended boom
- DS = selecting operating mode
- T = extending length telescope

AC 110 Capacities on Main Boom Telescopes pinned 85%

360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 66140 lb

Outrigger Base 27.0 x 24.6 ft

Radius (ft)	Main Boom (ft)							
	124.7	124.7	133.9	138.5	138.5	147.6	152.2	164.7
23.0	66.8	43.7	-	-	-	-	-	-
26.2	61.9	43.7	38.8	50.9	41.2	-	-	-
29.5	57.3	43.7	38.8	49.8	41.2	31.5	37.3	31.5
32.8	53.4	43.2	38.8	48.1	41.2	31.5	36.6	30.4
39.4	46.5	38.6	34.6	43.9	39.2	31.5	35.3	29.1
45.9	41.0	34.6	30.9	39.2	35.7	29.8	33.7	28.0
52.5	36.4	31.1	28.0	34.8	32.8	27.3	32.0	26.7
59.1	32.4	28.0	25.1	31.5	29.8	25.1	29.3	25.6
65.6	29.1	25.6	23.1	28.7	27.1	23.1	26.7	24.3
72.2	26.5	23.4	21.2	26.0	24.9	21.2	24.5	22.3
78.7	22.7	21.4	19.6	23.8	23.1	19.4	22.3	20.7
85.3	19.6	19.6	18.3	20.7	21.4	17.9	20.7	19.0
91.9	17.0	18.3	16.8	18.1	19.6	16.8	18.7	17.4
98.4	14.8	16.8	15.4	15.9	17.4	15.4	16.8	16.3
105	13.0	15.4	14.6	13.9	15.7	14.3	14.8	14.8
111.5	11.2	14.6	13.7	12.3	13.9	13.4	13.0	13.2
118.1	-	-	12.6	10.8	12.3	12.6	11.5	11.7
124.7	-	-	-	9.5	11.0	11.2	10.1	10.4
131.2	-	-	-	-	-	10.1	9.0	9.3
137.8	-	-	-	-	-	-	8.2	8.2
144.4	-	-	-	-	-	-	-	7.3
150.9	-	-	-	-	-	-	-	6.4
UB:	55.0	43.7	38.8	47.3	41.2	31.5	37.3	31.5
HE:	4	3	3	3	3	2	3	2
LK:	11	12	13	14	15	16	17	18
T1 [%]	90	90	0	90	45	45	90	100
T2 [%]	90	90	100	90	90	100	90	100
T3 [%]	90	90	100	90	90	100	90	100
T4 [%]	0	90	100	45	90	100	90	100

DS: 000001

UB = maximum capacity (lb x 1000) for unpinned operating mode

HE = no. of hoist lines

LK = length code for sequence of extended boom

DS = selecting operating mode

T = extending length telescope

AC 110 Capacities on Main Boom 85%  
Telescopes pinned 360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 50710 lb  
Outrigger Base 27.0 x 24.6 ft

Radius (ft)	Main Boom (ft)							
	41.0	55.1	55.1	68.9	68.9	68.9	68.9	71.9
9.8	242.5*	-	-	-	-	-	-	-
9.8	237.0	-	-	-	-	-	-	-
11.5	219.6	197.3	63.1	177.0	129.4	60.6	48.5	46.1
13.1	204.6	185.6	63.1	166.9	121.7	60.6	48.5	46.1
14.8	191.1	174.6	61.5	157.0	114.9	60.6	48.1	46.1
16.4	179.5	165.1	60.2	148.2	108.7	60.6	47.6	46.1
19.7	158.5	148.2	54.7	132.5	98.5	57.5	43.7	41.9
23.0	132.7	132.7	50.0	119.0	89.7	53.4	39.5	38.1
26.2	113.8	113.8	46.1	108.0	82.2	49.8	36.2	35.3
29.5	99.2	99.0	42.5	97.9	75.8	45.9	33.3	32.2
32.8	-	83.8	40.1	82.0	70.5	43.7	30.6	30.0
39.4	-	60.6	35.5	59.1	61.5	39.0	26.7	26.0
45.9	-	-	-	45.2	48.1	35.3	23.6	22.7
52.5	-	-	-	35.9	38.6	31.5	21.2	20.3
UB:	-	80.0	63.1	75.2	80.0	60.6	48.5	46.1
HE:	14	12	4	11	8	4	3	3
LK:	01	02	19	03	04	20	21	22
T1 [%]	0	0	0	45	0	0	0	0
T2 [%]	0	45	0	45	45	0	0	0
T3 [%]	0	0	0	0	45	45	0	0
T4 [%]	0	0	45	0	0	45	90	100
DS:	000002							

UB = maximum capacity (lb x 1000) for unpinned operating mode

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DS = selecting operating mode

T = extending length telescope

\*over rear

AC 110 Capacities on Main Boom Telescopes pinned 85%  
360°

Capacity (lb x 1000) = Load + Hook Block

Radius (ft)	Main Boom (ft)				Counterweight 50710 lb Outrigger Base 27.0 x 24.6 ft					
	82.7	82.7	82.7	96.8	96.8	96.8	103.0	110.6	110.6	
13.1	128.5	113.5	58.2	-	-	-	-	-	-	
14.8	122.1	107.6	58.2	-	-	-	-	-	-	
16.4	116.2	102.3	58.2	101.2	72.8	46.1	-	-	-	
19.7	105.6	92.6	57.5	95.9	71.0	46.1	36.4	82.2	48.5	
23.0	96.3	85.1	55.1	88.8	65.0	46.1	36.4	75.0	48.5	
26.2	88.6	78.3	52.2	82.7	60.0	43.4	36.4	68.8	48.5	
29.5	81.8	71.7	48.7	77.4	55.6	40.6	36.4	63.5	45.9	
32.8	75.6	65.9	46.5	72.8	51.6	37.7	35.9	58.6	43.0	
39.4	59.5	57.1	41.9	61.9	45.6	33.1	31.5	50.7	38.4	
45.9	45.6	48.9	37.9	47.6	40.6	29.1	28.0	44.5	34.4	
52.5	36.2	39.5	34.2	38.1	36.6	26.0	24.7	37.3	31.5	
59.1	29.5	32.6	30.9	31.3	33.3	23.4	22.3	30.4	28.9	
65.6	24.5	27.3	28.2	26.2	28.7	20.9	20.3	25.4	26.7	
72.2	-	-	-	22.3	24.7	19.0	18.5	21.4	24.9	
78.7	-	-	-	19.0	21.4	17.2	16.8	18.1	21.6	
85.3	-	-	-	16.5	18.7	16.1	15.4	15.4	18.7	
91.9	-	-	-	-	-	-	-	13.2	16.5	
98.4	-	-	-	-	-	-	-	11.2	14.8	
UB:	75.2	80.0	58.2	75.2	72.3	46.1	36.4	68.4	48.5	
HE:	8	7	4	6	5	3	3	5	3	
LK:	05	06	23	07	08	24	25	09	10	
T1 [%]	45	0	0	45	0	0	0	90	0	
T2 [%]	90	45	45	45	45	0	0	45	90	
T3 [%]	0	90	45	90	90	90	100	90	45	
T4 [%]	0	0	45	0	45	90	100	0	90	
DS:	000002									

UB = maximum capacity (lb x 1000) for unpinned operating mode  
 HE = no. of hoist lines  
 LK = length code for sequence of extended boom  
 DS = selecting operating mode  
 T = extending length telescope

AC 110 Capacities on Main Boom 85%  
Telescopes pinned

360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 50710 lb

Outrigger Base 27.0 x 24.6 ft

Radius (ft)	Main Boom (ft)							
	124.7	124.7	133.9	138.5	138.5	147.6	152.2	164.7
23.0	66.8	43.7	-	-	-	-	-	-
26.2	61.9	43.7	38.8	50.9	41.2	-	-	-
29.5	57.3	43.7	38.8	49.8	41.2	31.5	37.3	31.5
32.8	53.4	43.2	38.8	48.1	41.2	31.5	36.6	30.4
39.4	46.5	38.6	34.6	43.9	39.2	31.5	35.3	29.1
45.9	41.0	34.6	30.9	39.2	35.7	29.8	33.7	28.0
52.5	36.4	31.1	28.0	34.8	32.8	27.3	32.0	26.7
59.1	30.6	28.0	25.1	31.5	29.8	25.1	29.3	25.6
65.6	25.4	25.6	23.1	26.5	27.1	23.1	26.7	24.3
72.2	21.4	23.4	21.2	22.5	24.0	21.2	23.1	22.3
78.7	18.3	21.4	19.6	19.2	20.7	19.4	20.1	20.3
85.3	15.4	19.0	18.3	16.5	18.1	17.9	17.4	17.4
91.9	13.2	16.8	16.8	14.2	15.9	16.1	15.0	15.2
98.4	11.2	15.0	15.0	12.3	13.9	14.1	13.0	13.2
105	9.5	13.2	13.2	10.6	12.1	12.3	11.2	11.5
111.5	8.2	11.9	11.9	9.0	10.8	11.0	9.9	9.9
118.1	-	-	10.6	7.9	9.5	9.7	8.6	8.6
124.7	-	-	-	6.8	8.4	8.6	7.5	7.5
131.2	-	-	-	-	-	7.5	6.4	6.6
137.8	-	-	-	-	-	-	5.5	5.7
144.4	-	-	-	-	-	-	-	4.9
150.9	-	-	-	-	-	-	-	4.2
UB:	55.0	43.7	38.8	47.3	41.2	31.5	37.3	31.5
HE:	4	3	3	3	3	2	3	2
LK:	11	12	13	14	15	16	17	18
T1 [%]	90	90	0	90	45	45	90	100
T2 [%]	90	90	100	90	90	100	90	100
T3 [%]	90	90	100	90	90	100	90	100
T4 [%]	0	90	100	45	90	100	90	100

DS: 000002

UB = maximum capacity (lb x 1000) for unpinned operating mode

HE = no. of hoist lines

LK = length code for sequence of extended boom

DS = selecting operating mode

T = extending length telescope

AC 110 Capacities on Main Boom 85%  
Telescopes pinned 360°

Capacity (lb x 1000) = Load + Hook Block

Radius (ft)	Main Boom (ft)							
	41.0	55.1	55.1	68.9	68.9	68.9	68.9	71.9
9.8	242.5*	-	-	-	-	-	-	-
9.8	237.0	-	-	-	-	-	-	-
11.5	219.6	197.3	63.1	177.0	129.4	60.6	48.5	46.1
13.1	204.6	185.6	63.1	166.9	121.7	60.6	48.5	46.1
14.8	191.1	174.6	61.5	157.0	114.9	60.6	48.1	46.1
16.4	179.5	165.1	60.2	148.2	108.7	60.6	47.6	46.1
19.7	148.2	148.2	54.7	132.5	98.5	57.5	43.7	41.9
23	123.9	123.9	50.0	119.0	89.7	53.4	39.5	38.1
26.2	102.3	102.5	46.1	97.2	82.2	49.8	36.2	35.3
29.5	80.7	80.9	42.5	78.9	75.8	45.9	33.3	32.2
32.8	-	66.1	40.1	64.4	67.9	43.7	30.6	30.0
39.4	-	47.4	35.5	45.6	48.9	39.0	26.7	26.0
45.9	-	-	-	34.4	37.5	35.3	23.6	22.7
52.5	-	-	-	26.9	29.5	31.5	21.2	20.3
UB:	-	80.0	63.1	75.2	80.0	60.6	48.5	46.1
HE:	14	12	4	11	8	4	3	3
LK:	01	02	19	03	04	20	21	22
T1 [%]	0	0	0	45	0	0	0	0
T2 [%]	0	45	0	45	45	0	0	0
T3 [%]	0	0	0	0	45	45	0	0
T4 [%]	0	0	45	0	0	45	90	100

UB = maximum capacity (lb x 1000) for unpinned operating mode

HE = no. of hoist lines

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DS = selecting operating mode

T = extending length telescope

\*over rear

AC 110 Capacities on Main Boom 85%  
Telescopes pinned 360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 31750 lb  
Outrigger Base 27.0 x 24.6 ft

Radius (ft)	Main Boom (ft)			Counterweight					
	82.7	82.7	82.7	96.8	96.8	96.8	103.0	110.6	110.6
13.1	128.5	113.5	58.2	-	-	-	-	-	-
14.8	122.1	107.6	58.2	-	-	-	-	-	-
16.4	116.2	102.3	58.2	101.2	72.8	46.1	-	-	-
19.7	105.6	92.6	57.5	95.9	71.0	46.1	36.4	82.2	48.5
23	96.3	85.1	55.1	88.8	65.0	46.1	36.4	75.0	48.5
26.2	88.6	78.3	52.2	82.7	60.0	43.4	36.4	68.8	48.5
29.5	77.2	71.7	48.7	76.1	55.6	40.6	36.4	63.5	45.9
32.8	64.8	65.9	46.5	65.5	51.6	37.7	35.9	58.6	43.0
39.4	46.1	49.8	41.9	48.5	45.6	33.1	31.5	47.4	38.4
45.9	34.8	38.1	37.9	37.0	39.9	29.1	28.0	35.9	34.4
52.5	27.1	30.4	31.5	29.1	32.0	26.0	24.7	28.2	31.5
59.1	21.8	24.7	25.8	23.6	26.2	23.4	22.3	22.7	26.5
65.6	17.6	20.7	21.6	19.4	21.8	20.9	20.3	18.5	22.0
72.2	-	-	-	16.1	18.5	19.0	18.5	15.2	18.7
78.7	-	-	-	13.4	15.9	17.2	16.8	12.3	16.1
85.3	-	-	-	11.2	13.7	15.2	15.4	10.1	13.9
91.9	-	-	-	-	-	-	-	8.4	11.9
98.4	-	-	-	-	-	-	-	6.8	10.4
UB:	75.2	80.0	58.2	75.2	72.3	46.1	36.4	68.4	48.5
HE:	8	7	4	6	5	3	3	5	3
LK:	05	06	23	07	08	24	25	09	10
T1 [%]	45	0	0	45	0	0	0	90	0
T2 [%]	90	45	45	45	45	0	0	45	90
T3 [%]	0	90	45	90	90	90	100	90	45
T4 [%]	0	0	45	0	45	90	100	0	90
DS:	000003								

UB = maximum capacity (lb x 1000) for unpinned operating mode  
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360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 31750 lb  
Outrigger Base 27.0 x 24.6 ft

Radius (ft)	Main Boom (ft)							
	124.7	124.7	133.9	138.5	138.5	147.6	152.2	164.7
23	66.8	43.7	-	-	-	-	-	-
26.2	61.9	43.7	38.8	50.9	41.2	-	-	-
29.5	57.3	43.7	38.8	49.8	41.2	31.5	37.3	31.5
32.8	53.4	43.2	38.8	48.1	41.2	31.5	36.6	30.4
39.4	45.6	38.6	34.6	43.9	39.2	31.5	35.3	29.1
45.9	36.2	34.6	30.9	36.6	35.7	29.8	33.7	28.0
52.5	28.4	31.1	28.0	29.5	31.3	27.3	30.2	26.7
59.1	22.9	26.7	25.1	24.0	25.6	25.1	24.9	24.9
65.6	18.5	22.3	22.5	19.8	21.4	21.6	20.5	20.7
72.2	15.2	19.0	19.0	16.3	18.1	18.3	17.2	17.4
78.7	12.3	16.3	16.3	13.7	15.4	15.7	14.3	14.6
85.3	10.1	14.1	14.1	11.2	13.0	13.2	12.1	12.3
91.9	8.4	12.1	12.1	9.5	11.0	11.2	10.1	10.4
98.4	6.6	10.6	10.6	7.7	9.5	9.7	8.6	8.8
105	5.3	9.0	9.0	6.4	7.9	8.4	7.1	7.3
111.5	4.2	7.9	7.9	5.3	6.8	7.1	6.0	6.2
118.1	-	-	6.8	4.2	5.7	6.0	4.9	5.1
124.7	-	-	-	3.3	4.9	5.1	4.0	4.2
131.2	-	-	-	-	-	4.2	3.3	3.3
137.8	-	-	-	-	-	-	2.6	2.6
144.4	-	-	-	-	-	-	-	2.0
150.9	-	-	-	-	-	-	-	1.3
UB:	55.0	43.7	38.8	47.3	41.2	31.5	37.3	31.5
HE:	4	3	3	3	3	2	3	2
LK:	11	12	13	14	15	16	17	18
T1 [%]	90	90	0	90	45	45	90	100
T2 [%]	90	90	100	90	90	100	90	100
T3 [%]	90	90	100	90	90	100	90	100
T4 [%]	0	90	100	45	90	100	90	100

DS: 000003

- UB = maximum capacity (lb x 1000) for unpinned operating mode
- HE = no. of hoist lines
- LK = length code for sequence of extended boom
- DS = selecting operating mode
- T = extending length telescope

AC 110 Capacities on Main Boom  
Telescopes pinned

85%

360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 17640 lb  
Outrigger Base 27.0 x 24.6 ft

Radius (ft)	Main Boom (ft)				Counterweight			
	41.0	55.1	55.1	68.9	68.9	68.9	68.9	71.9
9.8	242.5*	-	-	-	-	-	-	-
9.8	237.0	-	-	-	-	-	-	-
11.5	219.6	197.3	63.1	177.0	129.4	60.6	48.5	46.1
13.1	204.6	185.6	63.1	166.9	121.7	60.6	48.5	46.1
14.8	191.1	174.6	61.5	157.0	114.9	60.6	48.1	46.1
16.4	173.9	165.1	60.2	148.2	108.7	60.6	47.6	46.1
19.7	140.7	140.9	54.7	126.3	98.5	57.5	43.7	41.9
23.0	112.7	108.7	50.0	97.9	89.7	53.4	39.5	38.1
26.2	83.6	83.8	46.1	78.9	82.2	49.8	36.2	35.3
29.5	65.5	65.5	42.5	63.7	67.7	45.9	33.3	32.2
32.8	-	53.4	40.1	51.4	55.2	43.7	30.6	30.0
39.4	-	37.7	35.5	35.9	39.2	39.0	26.7	26.0
45.9	-	-	-	26.7	29.5	32.2	23.6	22.7
52.5	-	-	-	20.5	23.1	25.6	21.2	20.3
UB:	-	80.0	63.1	75.2	80.0	60.6	48.5	46.1
HE:	14	12	4	11	8	4	3	3
LK:	01	02	19	03	04	20	21	22
T1 [%]	0	0	0	45	0	0	0	0
T2 [%]	0	45	0	45	45	0	0	0
T3 [%]	0	0	0	0	45	45	0	0
T4 [%]	0	0	45	0	0	45	90	100
DS:	000004							

UB = maximum capacity (lb x 1000) for unpinned operating mode

HE = no. of hoist lines

LK = length code for sequence of extended boom

DS = selecting operating mode

T = extending length telescope

\*over rear



AC 110 Capacities on Main Boom  
Telescopes pinned

85%

360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 17640 lb  
Outrigger Base 27.0 x 24.6 ft

Radius (ft)	Main Boom (ft)				Counterweight					
	82.7	82.7	82.7	96.8	96.8	96.8	103.0	110.6	110.6	
13.1	128.5	113.5	58.2	-	-	-	-	-	-	
14.8	122.1	107.6	58.2	-	-	-	-	-	-	
16.4	116.2	102.3	58.2	101.2	72.8	46.1	-	-	-	
19.7	105.6	92.6	57.5	95.9	71.0	46.1	36.4	82.2	48.5	
23.0	91.5	85.1	55.1	88.6	65.0	46.1	36.4	75.0	48.5	
26.2	74.5	78.3	52.2	73.2	60.0	43.4	36.4	67.7	48.5	
29.5	62.2	67.0	48.7	61.7	55.6	40.6	36.4	57.3	45.9	
32.8	52.0	56.2	46.5	52.9	51.6	37.7	35.9	49.2	43.0	
39.4	36.4	40.1	41.4	38.8	41.9	33.1	31.5	37.0	38.4	
45.9	26.9	30.4	31.5	29.1	32.0	29.1	28.0	28.2	32.4	
52.5	20.7	23.8	24.9	22.7	25.4	26.0	24.7	21.8	25.6	
59.1	15.9	19.2	20.3	18.1	20.5	22.3	22.3	17.0	20.7	
65.6	12.3	15.7	16.5	14.3	17.0	18.5	18.7	13.2	17.2	
72.2	-	-	-	11.5	14.1	15.7	15.9	10.4	14.3	
78.7	-	-	-	9.0	11.7	13.4	13.7	8.2	11.9	
85.3	-	-	-	7.3	9.9	11.5	11.7	6.4	9.9	
91.9	-	-	-	-	-	-	-	4.9	8.4	
98.4	-	-	-	-	-	-	-	3.5	7.1	
UB:	75.2	80.0	58.2	75.2	72.3	46.1	36.4	68.4	48.5	
HE:	8	7	4	6	5	3	3	5	3	
LK:	05	06	23	07	08	24	25	09	10	
T1 [%]	45	0	0	45	0	0	0	90	0	
T2 [%]	90	45	45	45	45	0	0	45	90	
T3 [%]	0	90	45	90	90	90	100	90	45	
T4 [%]	0	0	45	0	45	90	100	0	90	

DS: 000004

- UB = maximum capacity (lb x 1000) for unpinned operating mode
- HE = no. of hoist lines
- LK = length code for sequence of extended boom
- DS = selecting operating mode
- T = extending length telescope

AC 110 Capacities on Main Boom 85%  
Telescopes pinned

360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 17640 lb

Outrigger Base 27.0 x 24.6 ft

Radius (ft)	Main Boom (ft)							
	124.7	124.7	133.9	138.5	138.5	147.6	152.2	164.7
23.0	66.8	43.7	-	-	-	-	-	-
26.2	61.9	43.7	38.8	50.9	41.2	-	-	-
29.5	54.7	43.7	38.8	49.8	41.2	31.5	37.3	31.5
32.8	47.0	43.2	38.8	46.5	41.2	31.5	36.6	30.4
39.4	35.5	38.6	34.6	35.9	38.4	31.5	35.3	29.1
45.9	27.8	32.6	30.9	28.4	30.6	29.8	28.4	28.0
52.5	21.8	25.8	26.0	22.9	24.9	24.9	23.1	22.7
59.1	17.2	21.2	21.2	18.3	20.1	20.3	19.2	18.7
65.6	13.4	17.4	17.6	14.8	16.5	16.8	15.7	15.2
72.2	10.6	14.6	14.8	11.7	13.4	13.9	12.6	12.6
78.7	8.2	12.1	12.3	9.5	11.0	11.5	10.1	10.4
85.3	6.4	10.4	10.4	7.5	9.3	9.5	8.4	8.6
91.9	4.9	8.6	8.6	6.0	7.5	7.9	6.6	6.8
98.4	3.5	7.3	7.3	4.6	6.2	6.4	5.3	5.5
105	2.4	6.2	6.2	3.3	5.1	5.3	4.2	4.4
111.5	1.5	5.1	5.1	2.4	4.0	4.2	3.1	3.3
118.1	-	-	4.2	1.5	3.1	3.3	2.2	2.4
124.7	-	-	-	-	2.4	2.6	1.5	1.5
131.2	-	-	-	-	-	2.0	-	-
UB:	55.0	43.7	38.8	47.3	41.2	31.5	37.3	31.5
HE:	4	3	3	3	3	2	3	2
LK:	11	12	13	14	15	16	17	18
T1 [%]	90	0	0	90	45	45	90	100
T2 [%]	90	90	100	90	90	100	90	100
T3 [%]	90	90	100	90	90	100	90	100
T4 [%]	0	90	100	45	90	100	90	100
DS:	000004							

UB = maximum capacity (lb x 1000) for unpinned operating mode

HE = no. of hoist lines

LK = length code for sequence of extended boom

DS = selecting operating mode

T = extending length telescope

AC 110 Capacities on Main Boom Telescopes pinned 85%  
360°

Capacity (lb x 1000) = Load + Hook Block

Radius (ft)	Main Boom (ft)							
	41.0	55.1	55.1	68.9	68.9	68.9	68.9	71.9
9.8	242.5*	-	-	-	-	-	-	-
9.8	237.0	-	-	-	-	-	-	-
11.5	219.6	197.3	63.1	177.0	129.4	60.6	48.5	46.1
13.1	204.6	185.6	63.1	166.9	121.7	60.6	48.5	46.1
14.8	184.1	174.6	61.5	145.7	114.9	60.6	48.1	46.1
16.4	162.7	144.4	60.2	119.0	108.7	60.6	47.6	46.1
19.7	108.9	100.8	54.7	85.5	91.7	57.5	43.7	41.9
23.0	72.3	72.5	50.0	65.3	71.0	53.4	39.5	38.1
26.2	52.9	53.1	46.1	51.1	55.1	49.8	36.2	35.3
29.5	41.0	41.0	42.5	39.2	42.8	45.9	33.3	32.2
32.8	-	32.8	36.6	31.3	34.4	37.5	30.6	30.0
39.4	-	22.5	25.8	20.9	23.8	26.5	26.7	26.0
45.9	-	-	-	14.8	17.4	19.8	20.7	21.2
52.5	-	-	-	10.8	13.2	15.4	16.3	16.5
UB:	-	80.0	63.1	75.2	80.0	60.6	48.5	46.1
HE:	14	12	4	11	8	4	3	3
LK:	01	02	19	03	04	20	21	22
T1 [%]	0	0	0	45	0	0	0	0
T2 [%]	0	45	0	45	45	0	0	0
T3 [%]	0	0	0	0	45	45	0	0
T4 [%]	0	0	45	0	0	45	90	100
DS:	000005							

UB = maximum capacity (lb x 1000) for unpinned operating mode

HE = no. of hoist lines

LK = length code for sequence of extended boom

DS = selecting operating mode

T = extending length telescope

\*over rear

AC 110 Capacities on Main Boom 85%  
Telescopes pinned 360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 0 lb  
Outrigger Base 27.0 x 24.6 ft

Radius (ft)	Main Boom (ft)			Counterweight					
	82.7	82.7	82.7	96.8	96.8	96.8	103.0	110.6	110.6
13.1	128.5	113.5	58.2	-	-	-	-	-	-
14.8	122.1	107.6	58.2	-	-	-	-	-	-
16.4	104.1	102.3	58.2	96.1	72.8	46.1	-	-	-
19.7	76.9	84.0	57.5	73.2	71.0	46.1	36.4	64.8	48.5
23.0	59.7	66.1	55.1	58.2	63.3	46.1	36.4	52.0	48.5
26.2	48.1	53.8	52.2	47.6	52.2	43.4	36.4	42.8	48.5
29.5	39.5	43.9	45.4	39.7	44.1	40.6	36.4	35.7	41.7
32.8	31.7	35.5	36.8	33.7	37.3	37.7	35.9	30.2	35.9
39.4	21.4	24.7	26.0	23.6	26.2	28.2	28.4	22.3	26.7
45.9	15.2	18.3	19.2	17.0	19.6	21.4	21.6	16.3	19.8
52.5	11.0	13.9	14.8	12.8	15.2	16.8	17.0	11.9	15.4
59.1	7.9	10.8	11.7	9.7	11.9	13.4	13.7	8.8	12.1
65.6	5.7	8.4	9.3	7.3	9.5	10.8	11.0	6.6	9.7
72.2	-	-	-	5.5	7.7	9.0	9.3	4.6	7.9
78.7	-	-	-	3.7	6.2	7.5	7.7	2.9	6.4
85.3	-	-	-	2.4	5.1	6.2	6.4	1.5	5.1
91.9	-	-	-	-	-	-	-	-	4.0
98.4	-	-	-	-	-	-	-	-	3.1

UB: 75.2 80.0 58.2 75.2 72.3 46.1 36.4 64.8 48.5

HE: 8 7 4 6 5 3 3 4 3

LK: 05 06 23 07 08 24 25 09 10

T1 [%] 45 0 0 45 0 0 0 90 0

T2 [%] 90 45 45 45 45 0 0 45 90

T3 [%] 0 90 45 90 90 90 100 90 45

T4 [%] 0 0 45 0 45 90 100 0 90

DS: 000005

- UB = maximum capacity (lb x 1000) for unpinned operating mode
- HE = no. of hoist lines
- LK = length code for sequence of extended boom
- DS = selecting operating mode
- T = extending length telescope

AC 110 Capacities on Main Boom Telescopes pinned 85%  
360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 0 lb  
Outrigger Base 27.0 x 24.6 ft

Radius (ft)	Main Boom (ft)							
	124.7	124.7	133.9	138.5	138.5	147.6	152.2	164.7
23.0	48.1	43.7	-	-	-	-	-	-
26.2	39.9	43.7	38.8	39.0	41.2	-	-	-
29.5	33.5	39.7	38.4	33.1	35.7	31.5	32.4	31.1
32.8	28.4	34.4	33.3	28.4	31.1	30.4	28.0	27.1
39.4	20.9	26.5	25.8	21.4	23.8	23.4	21.4	20.7
45.9	15.9	20.1	20.3	16.3	18.7	18.5	16.8	16.1
52.5	11.9	15.7	15.7	12.8	14.8	14.8	13.0	12.8
59.1	8.8	12.3	12.6	9.7	11.5	11.7	10.4	10.1
65.6	6.6	9.9	9.9	7.5	9.0	9.3	7.9	7.9
72.2	4.6	7.9	8.2	5.7	7.1	7.5	6.2	6.0
78.7	2.9	6.4	6.6	4.0	5.7	6.0	4.6	4.4
85.3	1.5	5.3	5.3	2.6	4.4	4.6	3.3	3.1
91.9	-	4.2	4.2	1.2	3.1	3.3	2.2	2.2
98.4	-	3.1	3.3	-	2.0	2.4	-	-
105	-	2.2	2.2	-	-	1.5	-	-
111.5	-	1.5	1.5	-	-	-	-	-
UB:	48.1	43.7	38.8	39.0	41.2	31.5	32.4	31.1
HE:	3	3	3	3	3	2	2	2
LK:	11	12	13	14	15	16	17	18
T1 [%]	90	0	0	90	45	45	90	100
T2 [%]	90	90	100	90	90	100	90	100
T3 [%]	90	90	100	90	90	100	90	100
T4 [%]	0	90	100	45	90	100	90	100
DS:	000005							

UB = maximum capacity (lb x 1000) for unpinned operating mode  
 HE = no. of hoist lines  
 LK = length code for sequence of extended boom  
 DS = selecting operating mode  
 T = extending length telescope

AC 110 Capacities on Main Boom Telescopes pinned 85%  
360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 66140 lb  
Outrigger Base 27.0 x 17.7 ft

Radius (ft)	Main Boom (ft)	(ft)						
	41.0	55.1	55.1	68.9	68.9	68.9	68.9	71.9
9.8	237.0	-	-	-	-	-	-	-
11.5	219.6	197.3	63.1	177.0	129.4	60.6	48.5	46.1
13.1	204.6	185.6	63.1	166.9	121.7	60.6	48.5	46.1
14.8	191.1	174.6	61.5	157.0	114.9	60.6	48.1	46.1
16.4	179.5	165.1	60.2	148.2	108.7	60.6	47.6	46.1
19.7	138.2	138.5	54.7	131.4	98.5	57.5	43.7	41.9
23.0	103.6	103.8	50.0	102.1	89.7	53.4	39.5	38.1
26.2	82.2	82.2	46.1	80.7	82.2	49.8	36.2	35.3
29.5	67.7	67.7	42.5	66.1	69.2	45.9	33.3	32.2
32.8	-	57.1	40.1	55.6	58.4	43.7	30.6	30.0
39.4	-	42.5	35.5	41.2	43.9	39.0	26.7	26.0
45.9	-	-	-	32.2	34.6	35.3	23.6	22.7
52.5	-	-	-	25.8	28.0	30.0	21.2	20.3
UB:	-	80.0	63.1	75.2	80.0	60.6	48.5	46.1
HE:	14	12	4	11	8	4	3	3
LK:	01	02	19	03	04	20	21	22
T1 [%]	0	0	0	45	0	0	0	0
T2 [%]	0	45	0	45	45	0	0	0
T3 [%]	0	0	0	0	45	45	0	0
T4 [%]	0	0	45	0	0	45	90	100
DS:	000007							

UB = maximum capacity (lb x 1000) for unpinned operating mode

HE = no. of hoist lines

LK = length code for sequence of extended boom

DS = selecting operating mode

T = extending length telescope



AC 110 Capacities on Main Boom Telescopes pinned 85%

360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 66140 lb  
 Outrigger Base 27.0 x 17.7 ft

Radius (ft)	Main Boom (ft)				Counterweight					
	82.7	82.7	82.7	96.8	96.8	96.8	103.0	110.6	110.6	
13.1	128.5	113.5	58.2	-	-	-	-	-	-	
14.8	122.1	107.6	58.2	-	-	-	-	-	-	
16.4	116.2	102.3	58.2	101.2	72.8	46.1	-	-	-	
19.7	105.6	92.6	57.5	95.9	71.0	46.1	36.4	82.2	48.5	
23.0	96.3	85.1	55.1	88.8	65.0	46.1	36.4	75.0	48.5	
26.2	81.4	78.3	52.2	82.5	60.0	43.4	36.4	68.8	48.5	
29.5	66.6	70.1	48.7	68.8	55.6	40.6	36.4	63.5	45.9	
32.8	56.0	59.3	46.5	58.0	51.6	37.7	35.9	57.1	43.0	
39.4	41.7	44.5	41.9	43.4	45.6	33.1	31.5	42.8	38.4	
45.9	32.4	35.3	36.2	34.2	36.4	29.1	28.0	33.3	34.4	
52.5	26.0	28.7	29.5	27.6	29.8	26.0	24.7	26.9	30.0	
59.1	21.2	23.8	24.7	22.7	24.9	23.4	22.3	22.0	25.1	
65.6	17.6	20.1	20.9	19.0	21.2	20.9	20.3	18.3	21.4	
72.2	-	-	-	16.1	18.1	19.0	18.5	15.4	18.3	
78.7	-	-	-	13.9	15.9	17.0	16.8	13.0	15.9	
85.3	-	-	-	11.9	13.9	15.0	15.2	11.2	13.9	
91.9	-	-	-	-	-	-	-	9.5	12.3	
98.4	-	-	-	-	-	-	-	8.2	10.8	
UB:	75.2	80.0	58.2	75.2	72.3	46.1	36.4	68.4	48.5	
HE:	8	7	4	6	5	3	3	5	3	
LK:	05	06	23	07	08	24	25	09	10	
T1 [%]	45	0	0	45	0	0	0	90	0	
T2 [%]	90	45	45	45	45	0	0	45	90	
T3 [%]	0	90	45	90	90	90	100	90	45	
T4 [%]	0	0	45	0	45	90	100	0	90	
DS:	000007									

UB = maximum capacity (lb x 1000) for unpinned operating mode  
 HE = no. of hoist lines  
 LK = length code for sequence of extended boom  
 DS = selecting operating mode  
 T = extending length telescope

AC 110 Capacities on Main Boom 85%  
Telescopes pinned 360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 66140 lb  
Outrigger Base 27.0 x 17.7 ft

Radius (ft)	Main Boom (ft)							
	124.7	124.7	133.9	138.5	138.5	147.6	152.2	164.7
23.0	66.8	43.7	-	-	-	-	-	-
26.2	61.9	43.7	38.8	50.9	41.2	-	-	-
29.5	57.3	43.7	38.8	49.8	41.2	31.5	37.3	31.5
32.8	53.4	43.2	38.8	48.1	41.2	31.5	36.6	30.4
39.4	42.8	38.6	34.6	43.9	39.2	31.5	35.3	29.1
45.9	33.5	34.6	30.9	34.6	35.7	29.8	33.7	28.0
52.5	26.9	30.2	28.0	28.0	29.3	27.3	28.7	26.7
59.1	22.0	25.4	25.1	23.1	24.5	24.7	23.8	24.0
65.6	18.5	21.6	21.6	19.4	20.7	20.9	20.1	20.3
72.2	15.4	18.5	18.5	16.3	17.6	18.1	17.0	17.2
78.7	13.2	16.1	16.1	14.1	15.2	15.4	14.6	14.8
85.3	11.2	14.1	14.1	12.1	13.3	13.4	12.6	12.8
91.9	9.5	12.3	12.3	10.1	11.7	11.9	11.0	11.0
98.4	8.2	11.0	11.0	9.0	10.1	10.4	9.5	9.7
105	7.1	9.7	9.7	7.7	9.0	9.0	8.4	8.4
111.5	6.0	8.6	8.8	6.6	7.9	8.2	7.3	7.3
118.1	-	-	7.7	5.7	7.1	7.1	6.4	6.4
124.7	-	-	-	4.9	6.2	6.4	5.5	5.5
131.2	-	-	-	-	-	5.5	4.6	4.9
137.8	-	-	-	-	-	-	4.0	4.0
144.4	-	-	-	-	-	-	-	3.3
150.9	-	-	-	-	-	-	-	2.6
UB:	55.0	43.7	38.8	47.3	41.2	31.5	37.3	31.5
HE:	4	3	3	3	3	2	3	2
LK:	11	12	13	14	15	16	17	18
T1 [%]	90	90	0	90	45	45	90	100
T2 [%]	90	90	100	90	90	100	90	100
T3 [%]	90	90	100	90	90	100	90	100
T4 [%]	0	90	100	45	90	100	90	100

DS: 000007

UB = maximum capacity (lb x 1000) for unpinned operating mode  
 HE = no. of hoist lines  
 LK = length code for sequence of extended boom  
 DS = selecting operating mode  
 T = extending length telescope

AC 110 Capacities on Main Boom Telescopes pinned 85%  
360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 50710 lb  
Outrigger Base 27.0 x 17.7 ft

Radius (ft)	Main Boom (ft)							
	41.0	55.1	55.1	68.9	68.9	68.9	68.9	71.9
9.8	237.0	-	-	-	-	-	-	-
11.5	219.6	197.3	63.1	177.0	129.4	60.6	48.5	46.1
13.1	204.6	185.6	63.1	166.9	121.7	60.6	48.5	46.1
14.8	191.1	174.6	61.5	157.0	114.9	60.6	48.1	46.1
16.4	173.3	161.8	60.2	141.3	108.7	60.6	47.6	46.1
19.7	117.7	117.9	54.7	110.7	98.5	57.5	43.7	41.9
23.0	88.0	88.0	50.0	86.4	89.7	53.4	39.5	38.1
26.2	69.4	69.4	46.1	67.9	71.2	49.8	36.2	35.3
29.5	56.9	56.9	42.5	55.3	58.4	45.9	33.3	32.2
32.8	-	47.6	40.1	46.3	49.2	43.7	30.6	30.0
39.4	-	35.3	35.5	34.0	36.6	38.8	26.7	26.0
45.9	-	-	-	26.0	28.4	30.6	23.6	22.7
52.5	-	-	-	20.7	22.9	24.9	21.2	20.3
UB:	-	80.0	63.1	75.2	80.0	60.6	48.5	46.1
HE:	14	12	4	11	8	4	3	3
LK:	01	02	19	03	04	20	21	22
T1 [%]	0	0	0	45	0	0	0	0
T2 [%]	0	45	0	45	45	0	0	0
T3 [%]	0	0	0	0	45	45	0	0
T4 [%]	0	0	45	0	0	45	90	100
DS:	000008							

UB = maximum capacity (lb x 1000) for unpinned operating mode

HE = no. of hoist lines

LK = length code for sequence of extended boom

DS = selecting operating mode

T = extending length telescope

AC 110 Capacities on Main Boom Telescopes pinned 85%  
360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 50710 lb  
Outrigger Base 27.0 x 17.7 ft

Radius (ft)	Main Boom (ft)				Counterweight					
	82.7	82.7	82.7	96.8	96.8	96.8	103.0	110.6	110.6	
13.1	128.5	113.5	58.2	-	-	-	-	-	-	
14.8	122.1	107.6	58.2	-	-	-	-	-	-	
16.4	116.2	102.3	58.2	101.2	72.8	46.1	-	-	-	
19.7	101.9	92.6	57.5	95.9	71.0	46.1	36.4	82.2	48.5	
23.0	83.8	85.1	55.1	81.1	65.0	46.1	36.4	74.5	48.5	
26.2	68.3	72.1	52.2	69.0	60.0	43.4	36.4	63.7	48.5	
29.5	55.8	59.3	48.7	58.0	55.6	40.6	36.4	55.3	45.9	
32.8	46.7	50.0	46.5	48.7	51.6	37.7	35.9	47.8	43.0	
39.4	34.4	37.3	38.4	36.2	38.8	33.1	31.5	35.5	38.4	
45.9	26.5	29.1	30.2	28.2	30.4	29.1	28.0	27.3	30.6	
52.5	20.9	23.4	24.5	22.5	24.7	26.0	24.7	21.8	24.9	
59.1	16.8	19.4	20.1	18.3	20.5	21.8	22.0	17.6	20.7	
65.6	13.7	16.1	17.0	15.2	17.2	18.5	18.7	14.3	17.4	
72.2	-	-	-	12.6	14.6	15.9	16.1	11.9	14.8	
78.7	-	-	-	10.6	12.6	13.9	13.9	9.9	12.8	
85.3	-	-	-	9.0	11.0	12.1	12.1	8.2	11.0	
91.9	-	-	-	-	-	-	-	6.8	9.5	
98.4	-	-	-	-	-	-	-	5.7	8.4	
UB:	75.2	80.0	58.2	75.2	72.3	46.1	36.4	68.4	48.5	
HE:	8	7	4	6	5	3	3	5	3	
LK:	05	06	23	07	08	24	25	09	10	
T1 [%]	45	0	0	45	0	0	0	90	0	
T2 [%]	90	45	45	45	45	0	0	45	90	
T3 [%]	0	90	45	90	90	90	100	90	45	
T4 [%]	0	0	45	0	45	90	100	0	90	
DS:	000008									

UB = maximum capacity (lb x 1000) for unpinned operating mode  
 HE = no. of hoist lines  
 LK = length code for sequence of extended boom  
 DS = selecting operating mode  
 T = extending length telescope

AC 110 Capacities on Main Boom Telescopes pinned 85%

360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 50710 lb

Outrigger Base 27.0 x 17.7 ft

Radius (ft)	Main Boom (ft)							
	124.7	124.7	133.9	138.5	138.5	147.6	152.2	164.7
23.0	66.8	43.7	-	-	-	-	-	-
26.2	60.2	43.7	38.8	50.9	41.2	-	-	-
29.5	52.5	43.7	38.8	49.8	41.2	31.5	37.3	31.5
32.8	46.3	43.2	38.8	45.6	41.2	31.5	36.6	30.4
39.4	35.5	38.6	34.6	36.6	38.4	31.5	35.3	29.1
45.9	27.6	30.9	30.9	28.4	30.0	29.8	29.3	28.0
52.5	21.8	25.1	25.4	22.9	24.3	24.5	23.6	23.8
59.1	17.6	20.9	20.9	18.7	20.1	20.3	19.4	19.4
65.6	14.6	17.6	17.6	15.4	16.8	17.0	16.1	16.3
72.2	11.9	15.0	15.0	12.8	14.1	14.6	13.4	13.7
78.7	9.9	13.0	13.0	10.8	12.1	12.3	11.5	11.7
85.3	8.4	11.2	11.2	9.0	10.4	10.6	9.7	9.9
91.9	6.8	9.7	9.7	7.7	8.8	9.0	8.4	8.4
98.4	5.7	8.6	8.6	6.4	7.7	7.9	7.1	7.3
105	4.4	7.5	7.5	5.5	6.6	6.8	6.0	6.2
111.5	3.5	6.6	6.6	4.4	5.7	6.0	5.1	5.3
118.1	-	-	5.7	3.5	4.9	5.1	4.2	4.2
124.7	-	-	-	2.6	4.2	4.4	3.3	3.3
131.2	-	-	-	-	-	3.5	2.6	2.6
137.8	-	-	-	-	-	-	2.0	2.0
144.4	-	-	-	-	-	-	-	1.3
UB:	55.0	43.7	38.8	47.3	41.2	31.5	37.3	31.5
HE:	4	3	3	3	3	2	3	2
LK:	11	12	13	14	15	16	17	18
T1 [%]	90	0	0	90	45	45	90	100
T2 [%]	90	90	100	90	90	100	90	100
T3 [%]	90	90	100	90	90	100	90	100
T4 [%]	0	90	100	45	90	100	90	100

DS: 000008

UB = maximum capacity (lb x 1000) for unpinned operating mode

HE = no. of hoist lines

LK = length code for sequence of extended boom

DS = selecting operating mode

T = extending length telescope

AC 110 Capacities on Main Boom Telescopes pinned 85%

360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 31750 lb  
 Outrigger Base 27.0 x 17.7 ft

Radius (ft)	Main Boom (ft)							
	41.0	55.1	55.1	68.9	68.9	68.9	68.9	71.9
9.8	237.0	-	-	-	-	-	-	-
11.5	219.6	197.3	63.1	177.0	129.4	60.6	48.5	46.1
13.1	204.6	179.0	63.1	150.8	121.7	60.6	48.5	46.1
14.8	171.3	149.0	61.5	127.6	114.9	60.6	48.1	46.1
16.4	137.1	127.2	60.2	110.0	108.7	60.6	47.6	46.1
19.7	92.4	92.8	54.7	85.5	90.4	57.5	43.7	41.9
23	68.6	68.8	50.0	67.0	70.5	53.4	39.5	38.1
26.2	53.8	53.8	46.1	52.2	55.6	49.8	36.2	35.3
29.5	43.7	43.7	42.5	42.3	45.2	45.9	33.3	32.2
32.8	-	36.4	39.7	35.1	37.7	40.3	30.6	30.0
39.4	-	26.5	29.3	25.1	27.6	30.0	26.7	26.0
45.9	-	-	-	18.7	21.3	23.4	23.6	22.7
52.5	-	-	-	14.2	16.5	18.7	19.4	19.8
UB:	-	80.0	63.1	75.2	80.0	60.6	48.5	46.1
HE:	14	12	4	11	8	4	3	3
LK:	01	02	19	03	04	20	21	22
T1 [%]	0	0	0	45	0	0	0	0
T2 [%]	0	45	0	45	45	0	0	0
T3 [%]	0	0	0	0	45	45	0	0
T4 [%]	0	0	45	0	0	45	90	100
DS:	000009							

UB = maximum capacity (lb x 1000) for unpinned operating mode

HE = no. of hoist lines

LK = length code for sequence of extended boom

DS = selecting operating mode

T = extending length telescope

AC 110 Capacities on Main Boom Telescopes pinned 85%

360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 31750 lb  
 Outrigger Base 27.0 x 17.7 ft

Radius (ft)	Main Boom (ft)				Counterweight					
	82.7	82.7	82.7	96.8	96.8	96.8	103.0	110.6	110.6	
13.1	128.5	113.5	58.2	-	-	-	-	-	-	
14.8	114.0	107.6	58.2	-	-	-	-	-	-	
16.4	99.6	102.3	58.2	93.9	72.8	46.1	-	-	-	
19.7	78.5	84.2	57.5	75.4	71.0	46.1	36.4	68.6	48.5	
23	64.2	69.2	55.1	62.4	65.0	46.1	36.4	56.9	48.5	
26.2	52.7	56.4	52.2	52.7	56.9	43.4	36.4	48.3	48.5	
29.5	42.5	46.1	47.4	45.0	47.8	40.6	36.4	41.4	45.9	
32.8	35.3	38.6	39.7	37.5	40.1	37.7	35.9	35.9	40.3	
39.4	25.4	28.4	29.5	27.3	29.8	31.5	31.5	26.5	30.0	
45.9	19.0	21.8	22.7	20.7	23.1	24.7	24.9	20.1	23.4	
52.5	14.6	17.2	18.1	16.3	18.5	19.8	20.1	15.4	18.7	
59.1	11.2	13.9	14.8	13.0	15.0	16.3	16.5	12.1	15.2	
65.6	8.8	11.2	12.1	10.4	12.3	13.7	13.9	9.7	12.6	
72.2	-	-	-	8.4	10.4	11.7	11.9	7.7	10.6	
78.7	-	-	-	6.8	8.6	9.9	10.1	6.0	8.8	
85.3	-	-	-	5.5	7.3	8.6	8.6	4.4	7.5	
91.9	-	-	-	-	-	-	-	3.1	6.2	
98.4	-	-	-	-	-	-	-	2.0	5.3	
UB:	75.2	80.0	58.2	75.2	72.3	46.1	36.4	68.4	48.5	
HE:	8	7	4	6	5	3	3	5	3	
LK:	05	06	23	07	08	24	25	09	10	
T1 [%]	45	0	0	45	0	0	0	90	0	
T2 [%]	90	45	45	45	45	0	0	45	90	
T3 [%]	0	90	45	90	90	90	100	90	45	
T4 [%]	0	0	45	0	45	90	100	0	90	
DS:	000009									

UB = maximum capacity (lb x 1000) for unpinned operating mode  
 HE = no. of hoist lines  
 LK = length code for sequence of extended boom  
 DS = selecting operating mode  
 T = extending length telescope

AC 110 Capacities on Main Boom 85%  
Telescopes pinned 360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 31750 lb  
Outrigger Base 27.0 x 17.7 ft

Radius (ft)	Main Boom (ft)							
	124.7	124.7	133.9	138.5	138.5	147.6	152.2	164.7
23	53.4	43.7	-	-	-	-	-	-
26.2	45.4	43.7	38.8	44.5	41.2	-	-	-
29.5	39.2	43.7	38.8	38.8	41.2	31.5	37.3	31.5
32.8	34.2	39.7	38.6	34.0	36.4	31.5	33.5	30.4
39.4	26.5	30.4	30.4	26.7	28.9	28.4	26.7	25.8
45.9	20.1	23.6	23.6	21.2	22.7	22.9	21.6	20.9
52.5	15.7	19.0	19.0	16.5	18.1	18.3	17.4	17.2
59.1	12.3	15.4	15.7	13.2	14.6	14.8	13.9	14.1
65.6	9.7	12.8	12.8	10.6	11.9	12.1	11.2	11.5
72.2	7.7	10.8	10.8	8.6	9.9	10.1	9.3	9.5
78.7	6.0	9.0	9.0	6.8	8.2	8.4	7.5	7.7
85.3	4.4	7.7	7.7	5.5	6.8	7.1	6.2	6.4
91.9	3.1	6.4	6.4	4.2	5.7	6.0	4.9	5.1
98.4	2.0	5.5	5.5	3.1	4.6	4.9	3.7	4.0
105	-	4.6	4.6	2.0	3.5	3.7	2.6	2.9
111.5	-	3.7	3.7	-	2.6	2.9	1.8	2.0
118.1	-	-	3.1	-	2.0	2.2	-	-
124.7	-	-	-	-	1.3	1.5	-	-
UB:	53.4	43.7	38.8	44.5	41.2	31.5	37.3	31.5
HE:	4	3	3	3	3	2	3	2
LK:	11	12	13	14	15	16	17	18
T1 [%]	90	0	0	90	45	45	90	100
T2 [%]	90	90	100	90	90	100	90	100
T3 [%]	90	90	100	90	90	100	90	100
T4 [%]	0	90	100	45	90	100	90	100
DS:	000009							

UB = maximum capacity (lb x 1000) for unpinned operating mode  
 HE = no. of hoist lines  
 LK = length code for sequence of extended boom  
 DS = selecting operating mode  
 T = extending length telescope





AC 110 Capacities on Main Boom  
Telescopes pinned

85%

360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 17640 lb  
Outrigger Base 27.0 x 17.7 ft

Radius (ft)	Main Boom (ft)	Capacity (lb x 1000)							
		41.0	55.1	55.1	68.9	68.9	68.9	68.9	71.9
9.8	237.0	-	-	-	-	-	-	-	-
11.5	219.6	180.6	63.1	147.0	129.4	60.6	48.5	46.1	
13.1	171.1	144.6	63.1	120.8	121.7	60.6	48.5	46.1	
14.8	139.3	119.9	61.5	101.6	107.8	60.6	48.1	46.1	
16.4	110.9	101.9	60.2	87.3	93.0	60.6	47.6	46.1	
19.7	74.3	74.5	54.7	67.0	72.1	57.5	43.7	41.9	
23.0	54.7	54.7	50.0	53.1	56.7	53.4	39.5	38.1	
26.2	42.3	42.5	46.1	41.0	44.1	47.2	36.2	35.3	
29.5	34.2	34.2	37.7	32.6	35.7	38.4	33.3	32.2	
32.8	-	28.0	31.3	26.7	29.5	32.2	30.6	30.0	
39.4	-	19.8	22.9	18.5	21.2	23.6	24.5	24.7	
45.9	-	-	-	13.4	15.9	18.1	19.0	19.2	
52.5	-	-	-	9.9	12.1	14.1	15.0	15.2	
UB:	-	80.0	63.1	75.2	80.0	60.6	48.5	46.1	
HE:	14	11	4	9	8	4	3	3	
LK:	01	02	19	03	04	20	21	22	
T1 [%]	0	0	0	45	0	0	0	0	
T2 [%]	0	45	0	45	45	0	0	0	
T3 [%]	0	0	0	0	45	45	0	0	
T4 [%]	0	0	45	0	0	45	90	100	
DS:	000010								

UB = maximum capacity (lb x 1000) for unpinned operating mode  
 HE = no. of hoist lines  
 LK = length code for sequence of extended boom  
 DS = selecting operating mode  
 T = extending length telescope



AC 110 Capacities on Main Boom  
Telescopes pinned

85%

360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 17640 lb  
Outrigger Base 27.0 x 17.7 ft

Radius (ft)	Main Boom (ft)				Counterweight					
	82.7	82.7	82.7	96.8	96.8	96.8	103.0	110.6	110.6	
13.1	106.0	113.3	58.2	-	-	-	-	-	-	
14.8	90.8	97.4	58.2	-	-	-	-	-	-	
16.4	78.9	85.1	58.2	75.0	72.8	46.1	-	-	-	
19.7	61.7	67.2	57.5	59.7	64.4	46.1	36.4	53.6	48.5	
23.0	49.8	54.9	55.1	48.9	53.4	46.1	36.4	44.3	48.5	
26.2	41.0	45.2	46.5	41.0	45.0	43.4	36.4	37.0	42.8	
29.5	33.1	36.6	37.9	34.8	38.1	40.1	36.4	31.5	36.8	
32.8	27.1	30.4	31.5	29.1	32.0	33.7	34.0	26.9	32.2	
39.4	19.0	21.8	22.9	20.7	23.4	24.9	25.1	20.1	23.6	
45.9	13.7	16.5	17.4	15.4	17.9	19.4	19.6	14.8	18.1	
52.5	10.1	12.8	13.7	11.7	13.9	15.4	15.7	11.0	14.1	
59.1	7.5	9.9	10.8	9.0	11.0	12.3	12.8	8.2	11.2	
65.6	5.3	7.9	8.6	6.8	8.8	10.1	10.4	6.2	9.0	
72.2	-	-	-	5.1	7.3	8.4	8.6	4.2	7.5	
78.7	-	-	-	3.5	6.0	7.1	7.3	2.6	6.0	
85.3	-	-	-	2.4	4.9	6.0	6.2	1.3	4.9	
91.9	-	-	-	-	-	-	-	-	3.7	
98.4	-	-	-	-	-	-	-	-	2.9	
UB:	75.2	80.0	58.2	75.0	72.3	46.1	36.4	53.6	48.5	
HE:	7	7	4	5	5	3	3	4	3	
LK:	05	06	23	07	08	24	25	09	10	
T1 [%]	45	0	0	45	0	0	0	90	0	
T2 [%]	90	45	45	45	45	0	0	45	90	
T3 [%]	0	90	45	90	90	90	100	90	45	
T4 [%]	0	0	45	0	45	90	100	0	90	
DS:	000010									

UB = maximum capacity (lb x 1000) for unpinned operating mode  
 HE = no. of hoist lines  
 LK = length code for sequence of extended boom  
 DS = selecting operating mode  
 T = extending length telescope

AC 110 Capacities on Main Boom 85%  
Telescopes pinned 360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 17640 lb  
Outrigger Base 27.0 x 17.7 ft

Radius (ft)	Main Boom (ft)							
	124.7	124.7	133.9	138.5	138.5	147.6	152.2	164.7
23.0	41.2	43.7	-	-	-	-	-	-
26.2	34.8	40.6	38.8	34.4	36.8	-	-	-
29.5	29.8	35.3	34.2	29.5	32.0	31.3	29.1	28.0
32.8	25.6	30.9	30.0	25.6	28.0	27.6	25.4	24.5
39.4	19.2	23.8	23.6	19.6	21.8	21.6	19.6	19.2
45.9	14.6	18.3	18.3	15.2	17.4	17.2	15.4	15.0
52.5	11.0	14.3	14.6	11.9	13.4	13.7	12.3	11.9
59.1	8.4	11.5	11.7	9.3	10.6	11.0	9.7	9.5
65.6	6.2	9.3	9.5	7.1	8.6	8.8	7.7	7.5
72.2	4.2	7.5	7.7	5.3	6.8	7.1	6.0	5.7
78.7	2.6	6.2	6.2	3.7	5.3	5.7	4.4	4.2
85.3	1.3	5.1	5.1	2.4	4.0	4.4	3.3	3.1
91.9	-	4.0	4.0	1.2	2.9	3.3	2.0	2.0
98.4	-	3.1	3.1	-	2.0	2.2	-	-
105	-	2.2	2.2	-	-	1.3	-	-
111.5	-	1.5	1.5	-	-	-	-	-
UB:	41.2	43.7	38.8	34.4	36.8	31.3	29.1	28.0
HE:	3	3	3	3	3	2	2	2
LK:	11	12	13	14	15	16	17	18
T1 [%]	90	0	0	90	45	45	90	100
T2 [%]	90	90	100	90	90	100	90	100
T3 [%]	90	90	100	90	90	100	90	100
T4 [%]	0	90	100	45	90	100	90	100
DS:	000010							

UB = maximum capacity (lb x 1000) for unpinned operating mode

HE = no. of hoist lines

LK = length code for sequence of extended boom

DS = selecting operating mode

T = extending length telescope

AC 110 Capacities on Main Boom 85%  
Telescopes pinned 360°

Capacity (lb x 1000) = Load + Hook Block

Radius (ft)	Main Boom (ft)							
	41.0	55.1	55.1	68.9	68.9	68.9	68.9	71.9
9.8	199.1	-	-	-	-	-	-	-
11.5	146.6	121.7	63.1	101.4	107.1	60.6	48.5	46.1
13.1	114.9	98.3	63.1	82.9	88.6	60.6	48.5	46.1
14.8	93.7	81.8	61.5	69.2	75.0	60.6	48.1	46.1
16.4	73.2	69.4	60.2	58.9	64.4	60.6	47.6	46.1
19.7	48.1	48.3	52.9	44.1	49.2	53.6	43.7	41.9
23.0	34.6	34.8	38.8	33.3	36.6	39.7	39.5	38.1
26.2	26.2	26.5	30.0	24.9	28.0	30.9	32.0	32.4
29.5	20.7	20.7	24.0	19.4	22.0	24.7	25.8	26.0
32.8	-	16.5	19.6	15.2	17.9	20.3	21.4	21.6
39.4	-	11.0	13.9	9.9	12.1	14.3	15.2	15.7
45.9	-	-	-	6.2	8.6	10.6	11.5	11.7
52.5	-	-	-	3.1	6.0	7.9	8.6	8.8
UB:	-	80.0	63.1	75.2	80.0	60.6	48.5	46.1
HE:	12	8	4	6	7	4	3	3
LK:	01	02	19	03	04	20	21	22
T1 [%]	0	0	0	45	0	0	0	0
T2 [%]	0	45	0	45	45	0	0	0
T3 [%]	0	0	0	0	45	45	0	0
T4 [%]	0	0	45	0	0	45	90	100
DS:	000011							

UB = maximum capacity (lb x 1000) for unpinned operating mode

HE = no. of hoist lines

LK = length code for sequence of extended boom

DS = selecting operating mode

T = extending length telescope

AC 110 Capacities on Main Boom 85%  
Telescopes pinned

360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 0 lb  
Outrigger Base 27.0 x 17.7 ft

Radius (ft)	Main Boom (ft)			Counterweight			
	82.7	82.7	82.7	96.8	96.8	96.8	103.0
13.1	72.8	79.8	58.2	-	-	-	-
14.8	61.5	68.1	58.2	-	-	-	-
16.4	52.9	59.1	58.2	50.9	56.0	46.1	-
19.7	40.3	45.9	48.1	39.9	44.5	46.1	36.4
23.0	31.7	36.8	38.8	32.0	36.4	39.0	36.4
26.2	25.4	28.9	30.2	26.2	30.2	32.6	32.4
29.5	19.8	22.9	24.3	21.6	24.5	26.5	26.7
32.8	15.7	18.7	19.8	17.6	20.3	21.8	22.0
39.4	10.1	13.0	13.9	11.9	14.3	15.7	16.1
45.9	6.4	9.3	10.1	8.2	10.4	11.9	12.1
52.5	3.3	6.6	7.5	5.5	7.7	9.0	9.3
59.1	-	4.4	5.5	3.1	5.7	7.1	7.3
65.6	-	2.6	3.7	-	4.0	5.5	5.7
72.2	-	-	-	-	2.6	4.2	4.4
78.7	-	-	-	-	1.3	2.9	3.3
85.3	-	-	-	-	-	2.0	2.2
UB:	72.8	79.8	58.2	50.9	56.0	46.1	36.4
HE:	5	5	4	3	4	3	3
LK:	05	06	23	07	08	24	25
T1 [%]	45	0	0	45	0	0	0
T2 [%]	90	45	45	45	45	0	0
T3 [%]	0	90	45	90	90	90	100
T4 [%]	0	0	45	0	45	90	100
DS:	000011						

UB = maximum capacity (lb x 1000) for unpinned operating mode  
 HE = no. of hoist lines  
 LK = length code for sequence of extended boom  
 DS = selecting operating mode  
 T = extending length telescope